

MODELS: Douglas Dolphin 8, 7 PCAMM

T.C. NUMBER: 2-492

Engines	2 P&W Wasps S3D1
Placard limits	Maximum, except takeoff 28.5 in. Hg., 2100 rpm (450 hp) Takeoff (one minute) 30.0 in. Hg., 2100 rpm (450 hp)
Placard speeds	Glide or dive - 170 mph Ind. Flaps extended - 100 mph Ind.
Placard ceiling	2000 ft. (density altitude) either engine inoperative
Fuel	302 gallons (6 tanks in CS wing; 2 main 96 gallons each; 2 auxiliary outboard 30 gallons each; 2 auxiliary outboard 30 gallons each; 2 auxiliary inboard 25 gallons each)
Oil	20 gallons
No. passengers	6
Baggage	132 lbs. (single compartment aft of cabin)
Standard weight	9500 lbs.
C.G. limits	(+30.0) and (+40.2)
Spec. basis	Aero. Bulletin 7A, Section 3
Serial Nos.	1280 and up manufactured prior to July 1, 1940 eligible. Approval expired as of that date.

EQUIPMENT:

(Datum is leading edge of center section wing at side of fuselage.)

Class I:

101.	Two engine ring cowls	36 lbs.
102.	Battery - 12V	65 lbs.
103.	Starters (electric)	64 lbs.
104.	Generator - 50 amp	34 lbs.
105.	36x8 wheels and brakes (Bendix) with 40x10 8-ply tires (wheels must be placarded for these tires)	213 lbs.
106.	Two wing floats and struts	99 lbs.
107.	Pressure fire extinguisher system	27 lbs.
108.	Landing lights	2 lbs.
109.	Sea anchor and 150 ft. rope	20 lbs.
110.	Boat hook	2 lbs.
111.	8-1/4x4 retractable tail wheel with solid rubber tire	
112.	Wings equipped with T.E. full flaps manually oilhydraulic operated and drooping type ailerons	
113.	Elevator control surface equipped with manually operated T.E. tabs	
114.	Tool kit	15 lbs.
115.	Hoist sling	7 lbs.
116.	Bilge pump	7 lbs.
117.	Toilet equipment	18 lbs.
118.	Water container and 1-1/2 gallons water	14 lbs.
119.	Radio complete with 2 receivers	135 lbs.
120.	Propellers - controllable metal (Hamilton Standard, hubs 8460, blades 6101-10; low pitch setting 15 degrees)	

NOTE 1. Eligible for export to all countries except Great Britain, Canada and Australia (2/28/37).

NOTE 3. Same as Model 8-114 (2-483), Model 11 (2-479), Model 12 (2-486) and Model 129 (2-487) except for changes in engines, propellers, cabin interior arrangements and items of equipment.